SUBSURFACE SAFETY VALVE AND METHOD FOR COMMUNICATING HYDRAULIC FLUID THERETHROUGH

ABSTRACT OF THE DISCLOSURE

A system for communicating hydraulic fluid to a wireline retrievable safety valve (44) comprises a tubing retrievable safety valve (50) having a non annular hydraulic chamber (60) in a sidewall portion thereof and a communication tool (100) that is selectively locatable within the tubing retrievable safety valve (50). The communication tool (100) creates a fluid passageway (150) between the non annular hydraulic chamber (60) and the interior of the tubing retrievable safety valve (50) by penetrating through the sidewall portion and into the non annular hydraulic chamber (60). Thereafter, when the wireline retrievable safety valve (44) is positioned within the tubing retrievable safety valve (50), hydraulic fluid is communicatable thereto through the fluid passageway (150).